



ENGVT – A CPS Group Company

1193 South Brownell Rd, Suite 35,
Williston VT 05495

T (802) 652.0099 | E info@engvt.com

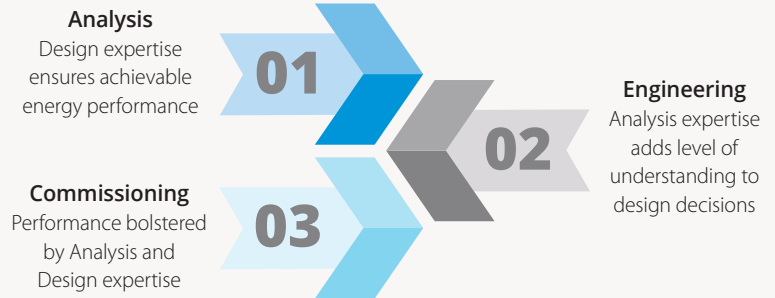
www.engvt.com

ENGVT is a team of technically excellent engineers with multi-disciplinary experience in the design and construction of commercial, institutional, and industrial facilities.

We excel in challenging, first of a kind projects that require unique solutions.

OUR PROCESS

- Listen to the client's problem statement and prepare a thorough, detailed proposal and scope of work that addresses the need with a focused, pragmatic project execution plan.
- Clearly develop the project goalposts so that the design team has well defined outcomes upon which to build the deliverables.
- Be actively engaged during construction of the project to ensure continuity from end to end and ensure that the desired outcome is realized.



OUR SERVICES

Engineering Services

We provide end to end services from programming to concept development to energy analysis to detailed design to fabrication detailing to commissioning and start up. We commonly operate in a wide array of markets, from commercial to industrial, life sciences to semiconductor, and food and beverage to mineral processing. As an organization, rather than remaining in operating silos, our staff are involved in all aspects of project execution. Our energy analysis work is grounded in a first-hand knowledge of constructability while our detailed design and equipment selection is bolstered by an intimate understanding of the energy implications. Our commissioning services give us a keen insight into the difficulties of controls integration while our HVAC controls design is informed by field experience during commissioning and start up. This end to end experience ensures better outcomes via what we refer to as:

“Design Informed Analysis | Analysis Informed Design”.

Virtual Design and Construction

BIM: Our end to end service offering bridges the gap between the CAD technician, the design engineer, and the tradesman in the field. We maintain the construction knowledge required to assemble it all into a collision-free, intelligent, constructible model. ENGVT produces design deliverables that are easily estimated, procured, and constructed as designed.

BIM to Fab: Our database driven, project specific construction detailing systems allow us to produce LOD 400, fabrication ready models and drawings from the outset of design. We do not create design models for detailing by the contractor. We can start as the engineer of record and end with delivery fabrication documents directly to the trades, seamlessly, without additional detailing.

Sustainability

Vermont is a national leader in energy conscious design, construction, and regulation. Our roots run deep in the Vermont way. As a company ENGVT fosters excellence in sustainable system evaluation and implementation. We are unique in our proven ability to achieve meaningful goals in industrial and manufacturing environments. ENGVT leads the sustainability process by collaboratively developing appropriate goals and targets with our clients and guiding them through the competing factors in sustainable technology implementation.

Energy Studies and Analyses

Many firms offer “energy studies” as a service, but few have the engineering and design experience to ground their studies in the complex realities of implementation while maintaining an acceptable ROI. The energy reduction market has matured and the easy, prescriptive fixes have often already been implemented. ENGVT assists owners and managers in identifying solutions that range from simple process changes to deep retrofit options. We have a proven track record of identifying, assessing, and successfully implementing and commissioning the whole spectrum of energy reduction measures.

Commissioning and Owner's Representation

ENGVT is unique in our breadth of services, being actively involved from programming to design to fabrication detailing and project start up and commissioning. This end to end suite of services results in meaningful experience with all aspects of construction. Our approach to commissioning is not based upon an “observe and document” execution model. As such, we are able to go beyond simply being the Commissioning Agent on a project and fill a valuable role as the Owner's Technical Representative. We can identify common pitfalls that hamper progress at every stage of project execution because we have been there and lived through them as engineers, planners, and contractors. We roll up our sleeves and add value. While we maintain a sharp focus on the commissioning documentation, we firmly believe that the overarching goal of the process is not to merely “check the boxes” to ensure design compliance, but rather to fill the technical gaps, champion the technical details, and drive issues to closure to ensure successful outcomes.